

css-utility-classes

CSS Utility Classes Play+ provides an extensive set of utility classes for spacing, layout, and styling. These classes follow a consistent naming convention and are designed to work seamlessly with the grid system.

Spacing Utilities ■ The spacing system uses a scale based on rem units, providing consistent spacing across your application. **Spacing Scale** ■ Class Size Value 0 0 0rem 1 0.25 0.25rem (4px) 2 0.5 0.5rem (8px) 3 1 1rem (16px) 4 1.5 1.5rem (24px) 5 3 3rem (48px) 6 3.5 3.5rem (56px) 7 4 4rem (64px) 8 5 5rem (80px) 9 6 6rem (96px) 10 8 8rem (128px) 11 10 10rem (160px) 12 12 12rem (192px) 13 14 14rem (224px) 14 16 16rem (256px)

Margin Utilities ■ **All Sides** ■ `<div class="m-0">` No margin `</div>` `<div class="m-1">` Small margin (0.25rem) `</div>` `<div class="m-2">` Medium margin (0.5rem) `</div>` `<div class="m-3">` Large margin (1rem) `</div>` `<div class="m-4">` Extra large margin (1.5rem) `</div>` `<div class="m-5">` Huge margin (3rem) `</div>`

Individual Sides ■ `<div class="mt-3">` Top margin `</div>` `<div class="mb-3">` Bottom margin `</div>` `<div class="ms-3">` Start margin (left in LTR) `</div>` `<div class="me-3">` End margin (right in LTR) `</div>`

Horizontal and Vertical ■ `<div class="mx-3">` Horizontal margin (left and right) `</div>` `<div class="my-3">` Vertical margin (top and bottom) `</div>`

Auto Margins ■ `<div class="m-auto">` Auto margin on all sides `</div>` `<div class="mx-auto">` Center horizontally `</div>` `<div class="ms-auto">` Push to the right `</div>` `<div class="me-auto">` Push to the left `</div>`

Negative Margins ■ `<div class="m-n1">` Negative margin (-0.25rem) `</div>` `<div class="mt-n2">` Negative top margin (-0.5rem) `</div>` `<div class="mx-n3">` Negative horizontal margin (-1rem) `</div>`

Padding Utilities ■ **All Sides** ■ `<div class="p-0">` No padding `</div>` `<div class="p-1">` Small padding (0.25rem) `</div>` `<div class="p-2">` Medium padding (0.5rem) `</div>` `<div class="p-3">` Large padding (1rem) `</div>` `<div class="p-4">` Extra large padding (1.5rem) `</div>` `<div class="p-5">` Huge padding (3rem) `</div>`

Individual Sides ■ `<div class="pt-3">` Top padding `</div>` `<div class="pb-3">` Bottom padding `</div>` `<div class="ps-3">` Start padding (left in LTR) `</div>` `<div class="pe-3">` End padding (right in LTR) `</div>`

Horizontal and Vertical ■ `<div class="px-3">` Horizontal padding (left and right) `</div>` `<div class="py-3">` Vertical padding (top and bottom) `</div>`

Responsive Spacing ■ All spacing utilities are available with responsive prefixes: `<div class="m-3 m-md-4 m-lg-5">` `<!-- 1rem margin on mobile, 1.5rem on tablet, 3rem on desktop -->` `</div>` `<div class="p-2 p-sm-3 p-md-4">` `<!-- 0.5rem padding on mobile, 1rem on tablet, 1.5rem on desktop -->` `</div>`

Responsive Breakpoints ■ sm- (≥576px) md- (≥768px) lg- (≥992px) xl- (≥1200px) xxl- (≥1400px)

Grid Gutters ■ **Gutter Classes** ■ `<div class="row g-0">` `<!-- No gutters -->` `<div class="row g-1">` `<!-- 0.25rem gutters -->` `<div class="row g-2">` `<!-- 0.5rem gutters -->` `<div class="row g-3">` `<!-- 1rem gutters -->` `<div class="row g-4">` `<!-- 1.5rem gutters -->` `<div class="row g-5">` `<!-- 3rem gutters -->` `</div>` `</div>` `</div>` `</div>` `</div>` `</div>`

Directional Gutters ■ `<div class="row gx-3">` `<!-- Horizontal gutters only -->` `<div class="row gy-2">` `<!-- Vertical gutters only -->` `</div>` `</div>`

Responsive Gutters ■ `<div class="row g-2 g-md-3 g-lg-4">` `<!-- Different gutter sizes at different breakpoints -->` `</div>`

Display Utilities ■ **Display Classes** ■ `<div class="d-none">` Hidden `</div>` `<div class="d-block">` Block display `</div>` `<div class="d-inline">` Inline display `</div>` `<div class="d-inline-block">` Inline-block display `</div>` `<div class="d-flex">` Flexbox display `</div>` `<div class="d-inline-flex">` Inline flexbox `</div>` `<div class="d-grid">` Grid display `</div>` `<div class="d-inline-grid">` Inline grid `</div>`

Responsive Display ■ `<div class="d-none d-md-block">` `<!-- Hidden on mobile, visible on tablet and up -->` `</div>` `<div class="d-block d-lg-none">` `<!-- Visible on mobile/tablet, hidden on desktop -->` `</div>`

Flexbox Utilities ■ **Flex Direction** ■ `<div class="d-flex flex-row">` Row (default) `</div>` `<div class="d-flex flex-row-reverse">` Row reverse `</div>` `<div class="d-flex flex-column">` Column `</div>` `<div class="d-flex flex-column-reverse">` Column reverse `</div>`

Flex Wrap ■ `<div class="d-flex flex-wrap">` Wrap `</div>` `<div class="d-flex flex-nowrap">` No wrap `</div>` `<div class="d-flex flex-wrap-reverse">` Wrap reverse `</div>`

Justify Content ■ `<div class="d-flex justify-content-start">` Start `</div>` `<div class="d-flex justify-content-end">` End `</div>` `<div class="d-flex justify-content-center">` Center `</div>` `<div`

`class = " d-flex justify-content-between " > Between </ div > < div class = " d-flex justify-content-around " > Around </ div > < div class = " d-flex justify-content-evenly " > Evenly </ div > Align Items ■ < div class = " d-flex align-items-start " > Start </ div > < div class = " d-flex align-items-end " > End </ div > < div class = " d-flex align-items-center " > Center </ div > < div class = " d-flex align-items-baseline " > Baseline </ div > < div class = " d-flex align-items-stretch " > Stretch </ div > Align Self ■ < div class = " align-self-start " > Start </ div > < div class = " align-self-end " > End </ div > < div class = " align-self-center " > Center </ div > < div class = " align-self-baseline " > Baseline </ div > < div class = " align-self-stretch " > Stretch </ div > Flex Fill ■ < div class = " d-flex " > < div class = " flex-fill " > Equal width </ div > < div class = " flex-fill " > Equal width </ div > < div class = " flex-fill " > Equal width </ div > </ div > Text Utilities ■ Text Alignment ■ < p class = " text-start " > Left aligned </ p > < p class = " text-center " > Center aligned </ p > < p class = " text-end " > Right aligned </ p > < p class = " text-justify " > Justified </ p > Text Transform ■ < p class = " text-lowercase " > lowercase text </ p > < p class = " text-uppercase " > UPPERCASE TEXT </ p > < p class = " text-capitalize " > Capitalized Text </ p > Font Weight ■ < p class = " fw-bold " > Bold text </ p > < p class = " fw-bolder " > Bolder text </ p > < p class = " fw-normal " > Normal weight </ p > < p class = " fw-light " > Light text </ p > < p class = " fw-lighter " > Lighter text </ p > Font Style ■ < p class = " fst-italic " > Italic text </ p > < p class = " fst-normal " > Normal style </ p > Position Utilities ■ Position Classes ■ < div class = " position-static " > Static positioning </ div > < div class = " position-relative " > Relative positioning </ div > < div class = " position-absolute " > Absolute positioning </ div > < div class = " position-fixed " > Fixed positioning </ div > < div class = " position-sticky " > Sticky positioning </ div > Top, Right, Bottom, Left ■ < div class = " top-0 " > Top: 0 </ div > < div class = " top-50 " > Top: 50% </ div > < div class = " top-100 " > Top: 100% </ div > < div class = " start-0 " > Start: 0 (left in LTR) </ div > < div class = " start-50 " > Start: 50% </ div > < div class = " start-100 " > Start: 100% </ div > < div class = " bottom-0 " > Bottom: 0 </ div > < div class = " bottom-50 " > Bottom: 50% </ div > < div class = " bottom-100 " > Bottom: 100% </ div > < div class = " end-0 " > End: 0 (right in LTR) </ div > < div class = " end-50 " > End: 50% </ div > < div class = " end-100 " > End: 100% </ div > Examples ■ Card with Spacing ■ < div class = " card p-4 m-3 " > < div class = " card-body " > < h5 class = " card-title mb-3 " > Card Title </ h5 > < p class = " card-text mb-4 " > Card content with proper spacing. </ p > < button class = " btn btn-primary " > Action </ button > </ div > </ div > Responsive Layout ■ < div class = " container " > < div class = " row g-3 " > < div class = " col-12 col-md-6 " > < div class = " p-3 border " > < h4 class = " mb-3 " > Section 1 </ h4 > < p class = " mb-0 " > Content with consistent spacing. </ p > </ div > </ div > < div class = " col-12 col-md-6 " > < div class = " p-3 border " > < h4 class = " mb-3 " > Section 2 </ h4 > < p class = " mb-0 " > More content with spacing. </ p > </ div > </ div > </ div > </ div > Navigation Bar ■ < nav class = " navbar navbar-expand-lg navbar-light bg-light " > < div class = " container " > < a class = " navbar-brand me-4 " href = " # " > Brand </ a > < div class = " navbar-nav ms-auto " > < a class = " nav-link px-3 " href = " # " > Home </ a > < a class = " nav-link px-3 " href = " # " > About </ a > < a class = " nav-link px-3 " href = " # " > Contact </ a > </ div > </ nav > Best Practices ■ Consistent spacing : Use the spacing scale consistently throughout your application Responsive design : Always consider how spacing works across different screen sizes Semantic meaning : Use spacing to create visual hierarchy and improve readability Performance : Utility classes are optimized for performance and bundle size Maintainability : Use utility classes instead of custom CSS when possible Customization ■ You can customize the spacing scale by modifying CSS custom properties: :root { --bs-spacer : 1 rem ; --bs-spacers : (0 : 0 , 1 : calc (var (--bs-spacer) * 0.25) , 2 : calc (var (--bs-spacer) * 0.5) , 3 : var (--bs-spacer) , 4 : calc (var (--bs-spacer) * 1.5) , 5 : calc (var (--bs-spacer) * 3)) ; } This allows you to maintain consistency while adapting the spacing to your design system.`